

A METHOD AND SYSTEM FOR PROVIDING EXTENDED REACH OF A
DIGITAL SUBSCRIBER LINE SIGNAL

ABSTRACT OF THE DISCLOSURE

5 A method for providing extended reach of a digital
subscriber line signal includes receiving an incoming DSL
signal, splitting the DSL signal into separate voice and
data signals, demodulating the data signal, requantizing
the demodulated data signal, modulating the requantized
data signal, amplifying the modulated requantized data
signal and the voice signal, combining the amplified
voice and data signal into a combined signal, and
10 transmitting the combined signal.

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